Index of Claims

| Application/Control No. | <b>Applica</b> | tion/Con | trol f | No. |
|-------------------------|----------------|----------|--------|-----|
|-------------------------|----------------|----------|--------|-----|

09/904,088

Examiner

Igor Borissov

Applicant(s)/Patent under Reexamination

MALKIN ET AL.

Art Unit

3639

| √ ] | Rejected |
|-----|----------|
| _   | Allowood |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                    | aim       |  |                |          |  | Dat          | е            |          |           |              |          | Cla                    | im       |                    |                         | -         | Date                |          |                 |          |          | Cla      | im         |          |           |          | [        | ate      | •        |               |          |           |
|------------------------|-----------|--|----------------|----------|--|--------------|--------------|----------|-----------|--------------|----------|------------------------|----------|--------------------|-------------------------|-----------|---------------------|----------|-----------------|----------|----------|----------|------------|----------|-----------|----------|----------|----------|----------|---------------|----------|-----------|
| l _                    | <u>-a</u> | 6/20/0   |                |          |  |              |              |          |           |              |          | _                      | 10       |                    |                         |           |                     |          |                 |          | ١.       | _        | ल          |          |           |          |          |          |          |               |          |           |
| Final                  | Original  | 22   |                |          | 1  | 1            |              |          |           |              |          | Final                  | Original |                    |                         |           |                     |          |                 |          |          | FINA     | Original   | -        |           |          |          |          |          |               |          |           |
| <u> </u>               | ō         | 0  | ļ              |          |  |              |              |          |           |              |          | լև                     | ō        |                    |                         |           |                     |          |                 |          | ۱ ا      | -        | ō          | ı        |           |          |          |          |          |               |          | l         |
| <u> </u>               | 1         | U  |                | $\vdash$ | ╁  | $\vdash$     | ╁            | ⊢        | +         | $\vdash$     |          | $\vdash$               | 51       | -                  | +                       | +         | $\vdash$            |          | ╁╌┼             |          | $\vdash$ |          | 101        |          | $\dashv$  | $\dashv$ | -        | -        | -        | $\dashv$      |          | $\dashv$  |
| ├                      | -2        | Ľ  |                |          | $\vdash$   |              |              |          | ┿╌        | 十            |          |                        | 52       | $\vdash$           | _                       | +-        | $\vdash$            | ╅╌       | ╁┼┼             | $\dashv$ | $\vdash$ | $\dashv$ | 102        | $\dashv$ | 十         | $\dashv$ |          | $\dashv$ | -        | $\dashv$      | -+       | $\dashv$  |
|                        | 3         | V  |                | -        | ╁  | -            | $\vdash$     | ╁        | ╁         | ╁╌           | <b> </b> |                        | 53       | H                  | +                       | +         | $\vdash$            | +-       | $\vdash$        | ┨Ш       | $\vdash$ | -        | 103        | $\dashv$ | $\dashv$  | _        |          | -        | -        | $\dashv$      | $\dashv$ | $\dashv$  |
| $\vdash$               | 4         |  |                |          | <u></u>  | -            | =            | -        | #         | $\dagger$    | 1        |                        | 54       |                    |                         |           | $\vdash$            | +-       |                 | -        | Н        | $\dashv$ | 104        |          | $\neg$    | 7        | -        |          |          | _             |          |           |
|                        | 5         | v  |                |          | 1  |              |              | T        | T         | Ì            |          |                        | 55       |                    |                         |           |                     |          |                 |          | Г        |          | 105        | $\neg$   | 寸         | コ        |          |          |          |               | 一        | ヿ         |
|                        | 6         | v  |                |          |  |              |              |          |           |              |          |                        | 56       |                    |                         |           |                     |          |                 |          | Г        | T        | 106        |          | T         |          |          |          |          |               |          |           |
|                        | 7         | v  |                |          |  |              |              |          |           |              |          |                        | 57       |                    |                         |           |                     |          |                 |          |          |          | 107        |          |           |          | Ì        |          |          |               |          |           |
|                        | 8         | ٧  |                |          |  |              |              | $\prod$  |           |              |          |                        | 58       |                    |                         |           |                     |          |                 |          |          |          | 108        |          |           |          |          |          |          |               |          |           |
|                        | 9         | ٧  |                |          |  |              |              |          | $\perp$   |              |          |                        | 59       |                    |                         |           |                     |          |                 | _        |          |          | 109        |          |           |          |          |          |          |               |          |           |
| <u> </u>               | 10        | V  |                |          |  |              |              | _        | ┸         | <u> </u>     |          |                        | 60       |                    |                         |           | Ш                   |          |                 | _ !!!    | L        | _        | 110        | _        |           | _        |          |          |          |               |          | _         |
|                        | 11        | v  |                | _        | _  | <u> </u>     | _            | 1        | $\perp$   | <u> </u>     |          | $oxed{oxed}$           | 61       | $\sqcup$           | $\bot$                  | $\perp$   | $\sqcup$            | $\perp$  | $\sqcup \bot$   | 4        | L        |          | 111        |          | 4         | _        | ļ        | _        |          | _             |          |           |
|                        | 12        | v  | <u> </u>       | _        | _  | <u> </u>     | <u> </u>     | $\vdash$ | $\perp$   | <u> </u>     |          | igsquare               | 62       | $\sqcup$           | $\bot$                  | $\perp$   | $\sqcup$            | _        | $\vdash \vdash$ | 4        | $\vdash$ | _        | 112        | _        | _         | 4        | _        | 4        |          | $\dashv$      | _        | ᅴ         |
|                        | 13        | V  | $\vdash$       | <u> </u> | ₽  | _            | -            | $\vdash$ | +         | $\vdash$     |          |                        | 63       | $\vdash \vdash$    | +                       | +         | $\sqcup$            | +        | ++              |          | $\vdash$ | $\dashv$ | 113        | _        | $\dashv$  | 4        | $\dashv$ |          |          | $\rightarrow$ | _        | 4         |
|                        | 14        | V  | -              | _        | ⊢  | 1            | -            | ╀        | +-        | ₩.           |          | <b> </b>               | 64       | $\dashv$           | +                       | +-        | $\vdash \vdash$     | +-       | $\vdash$        |          | -        | -        | 114        |          | $\dashv$  | -        | $\dashv$ |          |          | $\dashv$      | _        | $\dashv$  |
|                        | 15<br>16  | V  | -              | _        | ├  | ├            | ├            | ┼-       | +         | ┼            |          |                        | 65<br>66 | -                  | +                       | +         | $\vdash \vdash$     |          | $\vdash$        |          | $\vdash$ | -        | 115<br>116 | -        | $\dashv$  | -        |          |          |          | -             | $\dashv$ | ᅴ         |
|                        | 17        | V  | <del> </del>   |          | ╁  | ₩-           | ├            | +-       | +-        | +            | 1        | <b> </b>               | 67       |                    | +                       | +         | $\vdash \vdash$     |          | $\vdash$        |          | -        | -+       | 117        |          | $\dashv$  | $\dashv$ |          | $\dashv$ | -        | -             | -        | ᅱ         |
|                        | 18        | V  | -              |          | -  | -            | ╁            | ╫        | +         | +            |          |                        | 68       | $\vdash$           | +-                      | +         |                     | +        | $\vdash$        |          | $\vdash$ | $\dashv$ | 118        |          | $\dashv$  | -        | -        | -        | -        | -             | -        | $\dashv$  |
|                        | 19        | v  | $\vdash$       |          | H  | -            | H            | ╁        | +         | 1            |          |                        | 69       | +                  | +                       | +         | $\vdash$            | +        |                 |          | $\vdash$ | $\dashv$ | 119        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ |          | +             | -        | $\dashv$  |
|                        | 20        | Ľ  |                |          | ⊨  | <u> </u>     | ⊨            | -        | $\pm$     | ╁            |          |                        | 70       | +                  | +                       | +         | $\vdash$            | +-       |                 | -        | $\vdash$ | $\dashv$ | 120        | -        | $\dashv$  | $\dashv$ | -        | $\dashv$ |          |               |          | $\dashv$  |
|                        | 21        | v  | $\vdash$       |          | t  | _            | <u> </u>     | ╁        | +-        | ╁            | 1        | -                      | 71       | -                  | +                       | +         | $\vdash$            | +        | $\vdash$        | -        | -        | +        | 121        |          | +         | 7        | $\dashv$ | $\neg$   | $\neg$   | $\dashv$      | -        | ᅱ         |
|                        | 22        | v  |                | _        | <del>                                     </del> | $\vdash$     | <b>†</b> -   | ┢        | $\dagger$ | ╁            |          |                        | 72       | -                  | +                       | +         | lf-                 | 1        |                 |          | Н        | _        | 122        |          | 十         | _        | _        |          |          | _             | 一        | ヿ         |
|                        | 23        | V  |                |          |  |              |              | $\vdash$ | T         |              |          |                        | 73       | $\vdash$           | $\top$                  |           |                     | 十        | $\Box$          |          | Г        |          | 123        | 一        | 十         | $\dashv$ | 一        |          |          | 寸             | T        | ヿ         |
|                        | 24        | _  | =              | _        | H  | _            | <b>!</b>     | ⊨        | #         |              |          |                        | 74       |                    | 十                       | T         |                     |          |                 |          | Г        | T        | 124        | $\neg$   | $\exists$ | 寸        | ヿ        | $\neg$   |          | $\neg$        | $\neg$   | ヿ         |
|                        | 25        | -  |                | _        | -  | <u> </u>     |              | F        |           |              |          |                        | 75       |                    |                         |           |                     |          |                 |          | Г        |          | 125        |          |           | T        | $\neg$   |          |          | Ī             |          | $\Box$    |
|                        | 26        | V  |                |          |  |              |              |          |           |              |          |                        | 76       |                    |                         |           |                     |          |                 |          |          |          | 126        |          |           |          |          |          |          |               |          |           |
|                        | 27        |  |                |          | 匚  |              | <u> </u>     | L        | ↓         |              |          |                        | 77       |                    |                         |           |                     |          | Ш               | _        | L        |          | 127        | _        |           |          |          |          |          |               |          |           |
|                        | 28        | _  |                |          | L  |              | <u> </u>     | <u> </u> | 4         | _            |          |                        | 78       |                    | _  _                    |           |                     | <u> </u> |                 | _ :::    | L        |          | 128        | _        |           | _        | [        |          |          |               |          | _         |
|                        | 29        | _  |                |          | <u> </u>   | Ļ.,          | _            | ╙        | ↓_        | ↓_           |          |                        | 79       |                    | _ _                     | $\perp$   |                     |          | $\sqcup$        | _        | L        | _        | 129        |          |           | _        |          | _        |          | _             | _        |           |
|                        | 30        | _  |                |          | ļ  | ļ            | <u> </u>     | ┡        | $\bot$    | ↓_           |          |                        | 80       |                    |                         | <b>—</b>  | $\sqcup$            | 4        | $\vdash$        | _        | L        | _        | 130        | _        |           | 4        |          | _        | _        |               | _        |           |
|                        | 31        | <u> </u>   | Н              |          | ┡  | <u> </u>     |              | ╀        | -         | <b>├</b>     |          |                        | 81       |                    |                         |           | $\vdash$            | +        | $\vdash$        | 4        | <u> </u> |          | 131        |          |           | 4        |          | _        |          | _             |          | _         |
|                        | 32        | $\vdash$   | $\vdash$       |          | $\vdash$   | $\vdash$     | $\vdash$     | ├-       | +-        |              |          | ┝─┤                    | 82       |                    |                         | +         | $\vdash$            | +        | $\vdash \vdash$ | -        | <u> </u> | -+       | 132        |          |           | +        |          | -        |          | -             |          | $\dashv$  |
| <u> </u>               | 33<br>34  | <u> </u>   | -              |          | $\vdash$   | ╁            | +            | ├        | +         | ┼            |          |                        | 83<br>84 |                    | -                       | +         | $\dashv$            | +        | ├               | -        | $\vdash$ | $\dashv$ | 133<br>134 |          | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ |          |               | -        | $\dashv$  |
| $\vdash$               | 35        |  | -              |          | $\vdash$   | $\vdash$     | ┢            | ┢        | ┿         | +            |          | $\vdash$               | 85       | +                  | +                       | +         | $\vdash$            | +-       | ┼╌┼             | -        | ŀ        | $\dashv$ | 135        | $\dashv$ | +         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$  |
| $\vdash$               | 36        | -  | $\vdash$       | _        | <del>                                     </del> | -            | -            | ╁        | +         | $\vdash$     |          | $\vdash \vdash \vdash$ | 86       | -+                 | +                       | +         | +                   | +        | $\vdash$        | -        | H        |          | 136        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$  |
| <u> </u>               | 37        | _  | H              | -        | $\vdash$   |              | $\vdash$     | $\vdash$ | +         | +            |          | $\vdash \vdash$        | 87       | +                  | +                       | $\vdash$  | +                   | +        | $\vdash$        | $\dashv$ | $\vdash$ | $\dashv$ | 137        | -        |           | +        | $\dashv$ | $\dashv$ |          | -             |          | $\dashv$  |
| <u> </u>               | 38        | <del>                                     </del> | Н              |          | $\vdash$   | t            |              | t        | $\dagger$ | T            |          | H                      | 88       | $\vdash$           | +                       | $\dagger$ | $\vdash$            | +        | 1 +             | 1        | <u> </u> | $\dashv$ | 138        | $\dashv$ | $\dashv$  | $\dashv$ | ┪        | $\dashv$ | $\dashv$ | $\dashv$      | _        | $\dashv$  |
|                        | 39        |  |                |          |  |              |              | T        | T         | T            |          | $\vdash \vdash \vdash$ | 89       | $\top$             | $\top$                  | T         | $\vdash \uparrow$   | $\top$   |                 | 7        | Г        |          | 139        | $\neg$   | $\dashv$  | 7        | 寸        | $\dashv$ | $\neg$   | 7             |          | 一         |
|                        | 40        |  |                |          |  |              | İ            | T        | T         | T            |          |                        | 90       |                    | T                       |           | $\Box$              | 1        |                 | 7        | Г        | 一        | 140        | 一        | $\neg$    | $\dashv$ | 一        |          |          | 7             | 7        | ᅱ         |
|                        | 41        |  |                |          |  |              |              | Γ        | 1         |              |          |                        | 91       |                    |                         |           |                     |          |                 |          |          |          | 141        |          |           | ╛        | ╛        |          |          | 丁             |          | $\Box$    |
|                        | 42        |  |                |          |  |              |              |          | $\Gamma$  |              |          |                        | 92       |                    | $oldsymbol{\mathbb{T}}$ |           |                     |          |                 |          |          |          | 142        |          |           |          | ┚        |          |          |               |          | $\supset$ |
|                        | 43        |  |                |          |  |              |              |          |           |              |          |                        | 93       |                    |                         |           |                     |          |                 |          |          |          | 143        |          |           | $\prod$  |          |          |          |               |          |           |
|                        | 44        | L_   |                |          | _  | L            | <u> </u>     | $\perp$  |           | $oxed{oxed}$ |          |                        | 94       |                    |                         |           |                     |          | $oxed{\Box}$    | _        | L        | $\perp$  | 144        |          |           | $\Box$   | $\Box$   |          |          | [             | _]       |           |
|                        | 45        | Ш  | $oxed{oxed}$   |          | <u></u>  | _            | _            | L        | 1         |              |          |                        | 95       | $\perp \downarrow$ | _                       | Ш         | $\sqcup \downarrow$ | _        | $\sqcup \bot$   | _        | L        |          | 145        |          | _         | ļ        | _        |          |          |               | $\Box$   | $\Box$    |
|                        | 46        |  | Ш              |          |  | <u> </u>     | <u> </u>     | Ļ        | 1_        | <u> </u>     |          |                        | 96       |                    | _                       | $\sqcup$  | $\sqcup$            | Ц_       | $\vdash$        | _        | <u> </u> | _        | 146        | _        | 4         | _        | _        | _        | _        |               |          | _         |
|                        | 47        |  | Щ              | _        | <u> </u>   | $\vdash$     | <u> </u>     | $\vdash$ | -         | $\vdash$     |          | $\square$              | 97       |                    | - -                     | +         |                     | _        | $\vdash \vdash$ | 4        | <u> </u> | $\dashv$ | 147        | _        | _         | 4        | _        | _        |          | _             | 4        | _         |
| $\vdash \vdash \vdash$ | 48        | <u> </u>   | Ш              |          | ₩  | <b>—</b>     | <del> </del> | $\vdash$ | +-        | <b>-</b>     |          | $\sqcup \sqcup$        | 98       | _                  | +                       | -         | -                   | +        | $\vdash$        |          | <u> </u> |          | 148        | _        | $\dashv$  | 4        | _        | _        | _        |               | 4        | Ц         |
|                        | 49        | $\vdash$   | $\vdash\dashv$ | _        | <b> </b> -                                       | <del> </del> |              | ⊢        | +         | —            |          | $\vdash \vdash \vdash$ | 99       | +                  | +                       | +         |                     |          | $\vdash$        | -        | $\vdash$ | $\dashv$ | 149<br>150 |          | +         | 4        | $\dashv$ |          |          | -             |          | $\dashv$  |
| 1                      | 50        |  |                |          | 1  | ı            | ı            | 1        | 1         | 1            |          | . 1                    | 100      |                    | 1                       | 1 1       |                     | 1        |                 | 1:::::   | 1        | 1        | 150        | - 1      | - 1       | - 1      | - 1      | - 1      | - 1      | - 1           | - 1      | - 1       |